

2011 Organic Corn Special Report for Minnesota South [MNSO]

Dennis Lutteke, Faribault County, MN [WELLS]

EARLY SEASON TEST
90 - 100 Day CRM

O1MNC01

2010/2009 CROP: Alfalfa Hay/Alfalfa Hay
 SOIL DESCRIPTION: Nicollet-Webster clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.9 pH, 4.8% OM
 PEST MANAGEMENT: Cultivation (three times)
 FERTILITY - Applied N: 2,000 gallons Dairy manure (fall)
 Applied N-P-K (units): 48-36-58 CEC 35.3

30" ROW SPACING

SEEDED - RATE: Jun 3 35,680 /A
 HARVESTED - STAND: Oct 17 28,500 /A

TOP 24 OF 24 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Status [†]	End Use ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Blue River	34C17	O	Feed	94	163.9	14.0	0.0	31.4	1,639.0	1
Viking	O69-99N	O	Feed	101	159.2	14.3	0.0	29.1	1,592.0	2
Blue River	45R37	O	Feed	99	159.2	14.6	0.0	30.1	1,592.0	3
Viking	80-92VNT	C	Feed	92	158.9	14.2	0.3	29.6	1,589.0	4
CB Seed	X10S111	C	Feed	97	157.7	14.5	0.0	29.6	1,577.0	5
Blue River	39B17	O	Feed	96	155.3	15.1	0.0	28.7	1,552.6	6
Great Harvest	GHO40B8	O	Food	100	155.0	14.7	0.0	29.6	1,550.0	7
Pioneer	38A56 GC	C	Feed	97	154.8	14.0	0.0	29.6	1,548.0	8
Blue River	26A17	O	Feed	88	153.3	14.5	0.3	27.8	1,533.0	9
Viking	O67-01N	O	Feed	101	153.0	14.4	1.3	27.3	1,530.0	10
Blue River	41R00	O	Dual	99	151.0	14.4	0.0	27.8	1,510.0	11
Masters Choice	OG4430	O	Food	94	151.0	14.8	0.3	28.2	1,510.0	12
Prairie Hybrids	590	C	Dual	95	150.3	14.4	0.0	29.6	1,503.0	13
Prairie Hybrids	1711	O	Feed	102	149.6	13.9	12.0	27.8	1,496.0	14
CB Seed	X24072	C	Feed	89	149.4	14.2	0.3	26.0	1,494.0	15
CB Seed	X24052	C	Feed	89	148.6	14.2	0.0	28.7	1,486.0	16
Cappel	336S GC	O	Feed	96	148.1	14.1	0.0	28.7	1,481.0	17
Viking	O6710	O	Feed	98	146.9	14.7	0.0	29.1	1,469.0	18
Viking	7292	O	Feed	95	144.8	15.1	0.0	30.5	1,447.6	19
CB Seed	X24082	C	Feed	88	144.7	14.7	3.0	29.2	1,447.0	20
Blue River	25A16	O	Feed	87	141.4	13.7	0.0	27.3	1,414.0	21
Viking	O39-92N GC	O	Feed	92	140.0	13.9	0.0	28.7	1,400.0	22
CB Seed	CB10S98	C	Dual	94	134.4	14.7	0.0	27.3	1,344.0	23
Prairie Hybrids	0371	O	Feed	90	122.9	14.2	0.0	22.3	1,229.0	24

 Test Average = **149.7** **14.4** **0.7** **28.5** **1,497.2**

LSD (0.10) = 16.2 0.9 6.0

C.V. = 7.9 4.7



F.I.R.S.T. Manager

TEST COMMENTS: *Soil tillth was excellent at planting. While cool, wet conditions in June slowed development, Dennis called me five days after planting to tell me the plot corn had emerged. Heat and humidity prevailed in July, but rain was scarce after August 1st. A frost on Sept 15 ended the growing season. Plants stood well at harvest, and no weeds were visible here.*

Lat: N43.776515, Long: W-93.74347

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$10.00

[†] STATUS: O=Organic Seed, C=Conventional non-GMO Untreated Seed

^{††} End Use: Feed Use, Food Use, Dual Use (feed/silage)

 Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, * = brands without a seed lot number; **ns** = not significantly different

 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 11/30/2011

Revised:

2011 Organic Corn Special Report for Minnesota South [MNSO]

Dennis Lutteke, Faribault County, MN [WELLS]

FULL SEASON TEST
95 - 105 Day CRM

O1MNSO03

PREV. CROP/HERB: Alfalfa Hay/Alfalfa Hay
 SOIL DESCRIPTION: Nicollet-Webster clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.9 pH, 4.8% OM
 PEST MANAGEMENT: Cultivation (three times)
 FERTILITY - Applied N: 2,000 gallons Dairy manure (fall)
 Applied N-P-K (units): 48-36-58 CEC 35.3

30" ROW SPACING

SEEDED - RATE: Jun 3 35,680 /A
 HARVESTED - STAND: Oct 17 29,700 /A

TOP 30 OF 30 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Status [†]	End Use ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Blue River	48B30	O	Dual	102	175.8	15.6	3.0	31.9	1,755.4	1
Blue River	41R00	O	Dual	99	174.7	14.3	0.0	31.9	1,747.0	2
Viking	80-92VNT	C	Feed	92	174.3	14.7	1.3	30.5	1,743.0	3
CB Seed	CB5544	C	Dual	105	173.6	16.5	0.3	32.4	1,729.5	5
Viking	O67-01N	O	Feed	101	173.0	15.0	0.0	32.4	1,730.0	4
Prairie Hybrids	3081	O	Food	104	170.4	16.9	0.0	31.0	1,695.9	6
Viking	O69-99N	O	Feed	101	167.9	13.9	0.0	31.0	1,679.0	7
Prairie Hybrids	EX8380	C	Feed	104	167.0	15.8	0.0	31.0	1,666.7	8
Pioneer	35F38 GC	C	Feed	105	165.3	16.5	0.7	29.1	1,646.8	9
Prairie Hybrids	231	C	Feed	103	164.6	14.8	0.0	28.3	1,646.0	10
Great Harvest	GHO44B8	O	Food	104	164.3	15.6	0.0	28.7	1,640.5	11
Blue River	53R57	O	Feed	104	163.8	18.2	0.0	28.7	1,624.9	13
Prairie Hybrids	1711	O	Feed	102	163.7	14.7	0.0	27.8	1,637.0	12
Prairie Hybrids	3074	C	Feed	104	162.7	17.1	0.3	29.2	1,618.5	14
Prairie Hybrids	5879	C	Feed	107	162.1	17.5	1.7	29.6	1,610.9	18
Viking	O6710	O	Feed	98	161.7	13.9	0.0	31.4	1,617.0	15
Great Harvest	GHO40B8	O	Food	100	161.6	14.5	0.0	31.4	1,616.0	16
Blue River	45R37	O	Feed	99	161.4	15.2	0.0	31.0	1,613.2	17
Pioneer	38A56 GC	C	Feed	97	161.2	15.6	0.0	28.2	1,609.6	19
CB Seed	CB5240	C	Dual	104	160.4	18.5	0.0	29.6	1,590.0	20
Viking	O59-07N	O	Feed	105	156.3	18.2	0.0	26.0	1,550.5	23
Masters Choice	OG4430	O	Food	94	155.5	13.8	0.3	30.5	1,555.0	21
Blue River	47P37	C	Feed	102	155.3	15.1	0.0	30.5	1,552.6	22
CB Seed	CB6981	C	Dual	105	150.3	17.9	0.0	27.3	1,492.1	25
Viking	7292	O	Feed	95	149.6	13.6	1.7	29.2	1,496.0	24
Cappel	336S GC	O	Feed	96	149.1	14.2	0.3	27.8	1,491.0	26
Viking	O39-92N GC	O	Feed	92	147.2	14.6	0.0	31.4	1,472.0	27
Blue River	47A30	O	Feed	102	143.6	14.5	0.0	29.6	1,436.0	28
CB Seed	CB10S98	C	Dual	94	132.0	15.3	0.0	26.9	1,319.0	29
CB Seed	X10S111	C	Feed	97	130.3	15.1	9.7	27.8	1,302.7	30

 Test Average = **160.0** **15.6** **0.6** **29.7** **1,596.1**

LSD (0.10) = 14.4 1.6 3.6

C.V. = 6.6 7.4



F.I.R.S.T. Manager

TEST COMMENTS: *Soil tillth was excellent at planting. While cool, wet conditions in June slowed development, Dennis called me five days after planting to tell me the plot corn had emerged. Heat and humidity prevailed in July, but rain was scarce after August 1st. A frost on Sept 15 ended the growing season. Plants stood well at harvest, and no weeds were visible here.*

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